Digitalisation in WOAH

Digital Strategy to meet the 7SP objectives

2 pillars, 5 strategic objectives and 3 principles will guide us and help prioritize our work !

*"WOAH's guiding principle of **transparency** provides a rationale for making the substantial wealth of data entrusted to the Organisation accessible to its stakeholders, in particular its Members."*

*"Ensuring access to **high-quality information** will require an organisation-wide digitalisation of services, processes and tools."*

Improving animal health worldwide

Efficiency and agility	Data Governance	Responding to members' needs	Collaboration with partners	Scientific Expertise

Digital Pillar 1

Improve efficiency of our internal activities

- Develop Digital Capabilities
- Take the time to digitalize our activities
- Manage & make information accessible internally

Digital Pillar 2

Deliver new added value to our external users

- Create new innovative digital products
- Make information accessible to external users

Digital Transformation Values & Guiding principles :
pragmatic, transparent & collaborative

Sample projects (ongoing, past and future)

Commenting system

Standards navigation tool

IT Tool for M&E for Global Strategies

WOAH Ref Centres annual reports

WAHIS

Delegates' website

Reporting system of non listed diseases in wildlife

Official status platform

PVS digitalisation

ANIMUSE

SWOT

Strengths

- Homogeneous veterinary technical culture
- IT convergence program in progress
- Technological standardisation that supports the IT vision and new applications development

Weaknesses

- A lot of manual inspired technical processes and undocumented processes
- Lack of shared IT / Data maturity
- A lot of technical data in unstructured format (reports, PDF, ..) or semi structured (excel)

Opportunities

- Transversal program done or in progress (Observatory, CRM, Data workgroup)
- Redesign of core applications in progress (structured and unstructured perimeters)
- Design a flexible data model that will provide global consistency and secure quality and understanding of the data over the organization, stakeholders and 3rd parties.

Threats

- Multi language and multi cultural teams
- Processes and applications in silos
- Difficulty to converge to a consistent data model
- Competition between technical agenda and IT challenges

Organisational adaptation as a gradual response

1. Digital transformation & IT reinforced (IT)
2. PMIC creation (Strategy & Processes)
3. DID creation (Technical / Business orientation)

Feeding into

Data Management Work Group :
a transversal instance regulating the use of data within WOAH

Aims to provides a foundation to ensure access to high-quality information on animal health.

Sets up the mechanism(s) and frame to manage and maintain WOAH data applications and processes.
Identify/define the values and standards that govern data flows into, across and out of WOAH.

The group is made up of 2 members of each WOAH technical department, accountable for ensuring that information within a specific data domain is governed across systems and lines of business.

Data Governance

Not Started

Compliance establishes measures for monitoring data management performance and actions to continuously improve master data.

In progress :
Dataset management in Power BI

Process establishes structures defining how data governance policies, processes, standards, and master data are created and modified.

In progress :
Metadata
Referential Data
Codification

Policy refers to master data management guidelines and principles for enforcing data standards, processes, and policies.

Organizations chartered with administering data management activities provide a responsible network of dedicated and/or virtual resources to deliver quality enterprise master data.

In progress :
DMWG

Technology supporting common information exchange solutions, workflow and business rules functionality, and user portal.

In progress :
Power BI
GIS tools

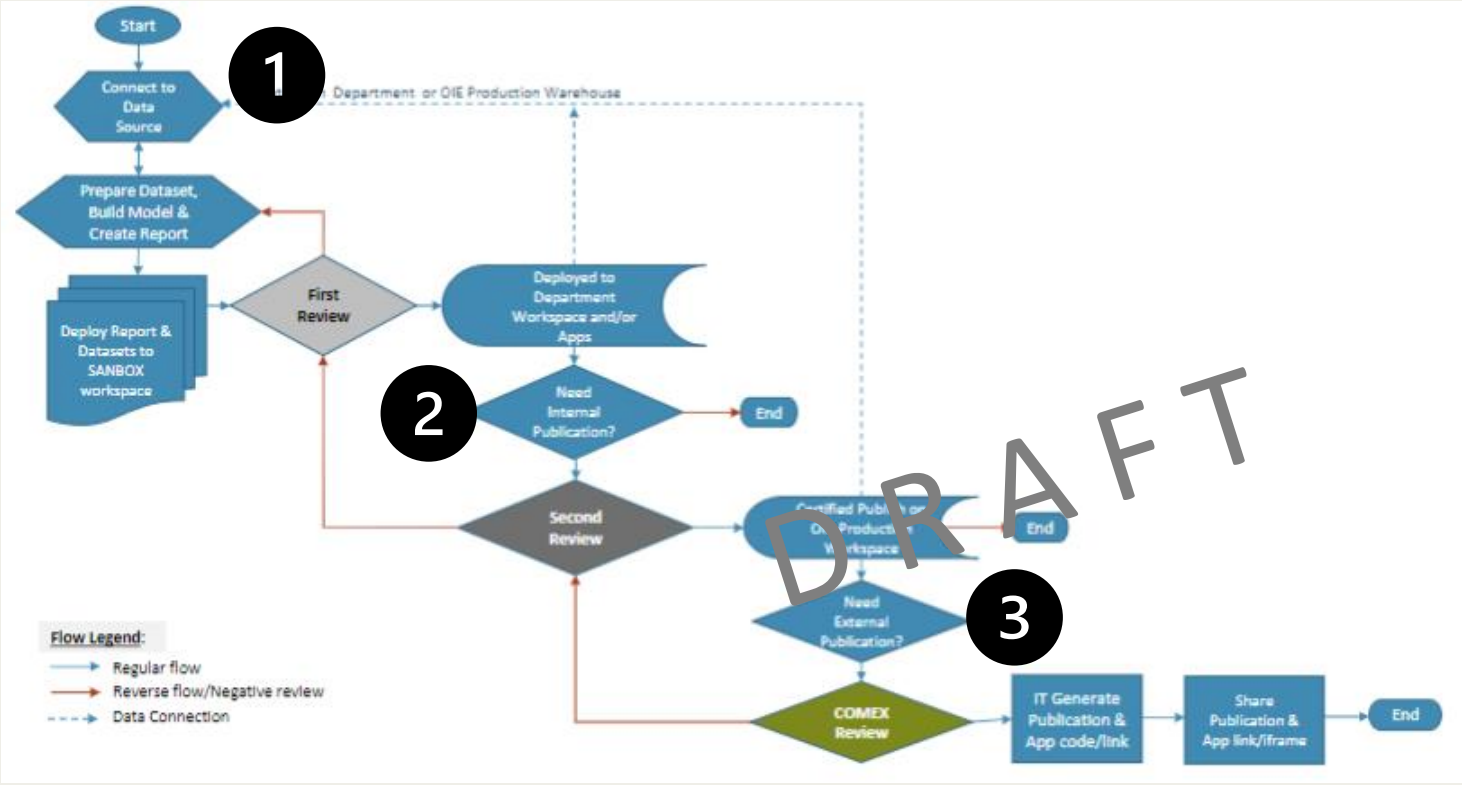
Data Architecture includes enterprise data standards, business information model, metadata dictionary, and security & privacy.

In progress :
Data Centric Architecture Project

An exemple of work: data cleansing and validation processes

→ Development of processes and tools to support datasets sharing

1. Cleaning and standardisation of datasets
2. Validation and certification of dataset
3. Process implementation for dataset sharing (internally//externally)



Another exemple: identification and consolidation of referentials

→ Critical for data sharing and for transversal/external use of WOAH data

1. Countries names and borders (GIS)
2. Diseases and codification
3. Official status

4. Commodities
5. Diagnostic tests...